REMARKS

Claims 1-24 are pending in the application.

Claims 1-24 have been rejected.

Claims 1, 7, 10, 13, 16, 19, 21, and 23 have been amended, as set forth herein.

I.   INTERVIEW SUMMARY

A telephone interview was conducted with Examiner Babar Sawar on July 19, 2011. The Applicant would like to thank Examiner Sawar for his time and consideration during the interview. In this interview, the Applicant verbally suggested an amendment to Claim 1 to recite "wherein a traffic burst sent to any of the UEs comprises spreading code resources associated with all of the UEs that use the downlink timeslot." In response, Examiner Sawar stated that this limitation was not supported in Claim 1. The Applicant also notes that Examiner Sawar suggested incorporating the limitations of Claims 3 and 4 into the independent claims of the Application. The Applicant appreciates this suggestion; however, the Applicant chooses not to incorporate the limitations of these claims into the independent claims at this time.

II.   REJECTION UNDER 35 U.S.C. § 103

Claims 1-2, 5-17 and 19-24 were rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Publication No. 2003/0210660 to Wiberg ("*Wiberg*") in view of U.S. Patent Publication No. 2004/0052236 to Hwang ("*Hwang*"). The rejection is respectfully traversed.

Claims 3-4 and 18 were rejected under 35 U.S.C. § 103 as being unpatentable over *Wiberg* in view of *Hwang* and in further view of U.S. Patent Publication No. 2009/0213904 to Sun ("*Sun*"). The rejection is respectfully traversed.

Claim 1 recites a method for supporting downlink JD (joint detection) in a TDD CDMA communication network system, the method comprising:

judging whether CAI (code allocation information) in a downlink

timeslot will change in a next TTI (transmission time interval);

inserting changed CAI as a specific control information into a specified field in a traffic burst in the downlink timeslot corresponding to current TTI only if the CAI will change, the changed CAI comprising spreading code resources associated with each of a plurality of UEs that uses the downlink timeslot; and

sending the traffic burst comprising the specific control information to each of the UEs in the downlink timeslot via a downlink channel, *wherein the traffic burst sent to each of the plurality of UEs comprises spreading code resources associated with all of the UEs that use the downlink timeslot.* [Emphasis Added].

Claim 1 has been amended to recite "wherein the traffic burst sent to each of the plurality of UEs comprises spreading code resources associated with all of the UEs that use the downlink timeslot" as shown with emphasis above. Support for the emphasized feature of Claim 1 may be found in the application as filed, such as in Figure 8 and paragraphs [0046] and [0053] - [0054]. The Applicants respectfully submit that *Wiberg* and *Hwang*, taken alone or in combination, do not teach the emphasized feature of Claim 1.

In rejecting Claim 1, the Office Action asserts that Figure 9 and paragraph [0053] of *Wiberg* teaches sending the traffic burst containing the specific control information to each of the UEs in the downlink timeslot via a downlink channel. (Office Action, page 5). The Applicants respectfully submit, however, that *Wiberg* does not teach or suggest that the traffic burst, which is sent to each of the UEs that use the downlink timeslot, includes spreading code resources associated with all of the UEs. The teachings of *Hwang* or *Sun* do not cure the needed deficiencies of *Wiberg* as claimed in Applicants' independent Claim 1.

For at least these reasons, Claim 1 and its dependent claims are patentable. Claims 7, 10, 13, 16, 19, 21, and 23 have been amended to recite features similar to those discussed above with respect to Claim 1. Therefore, Claims 7, 10, 13, 16, 19, 21, and 23 are also patentable.

Accordingly, the Applicants respectfully request that the § 103 rejection be withdrawn

III.   CONCLUSION

As a result of the foregoing, the Applicant asserts that the remaining Claims in the Application are in condition for allowance, and respectfully requests an early allowance of such Claims.
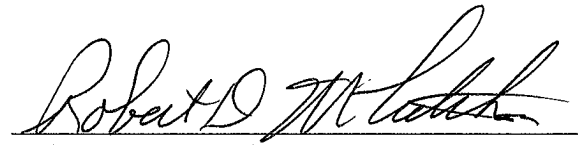
If any issues arise, or if the Examiner has any suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at *rmccutcheon@munckcarter.com*.

The Commissioner is hereby authorized to charge any additional fees connected with this communication or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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